

 **BROADCOM**  
connecting everything+

Avago Technologies (Broadcom

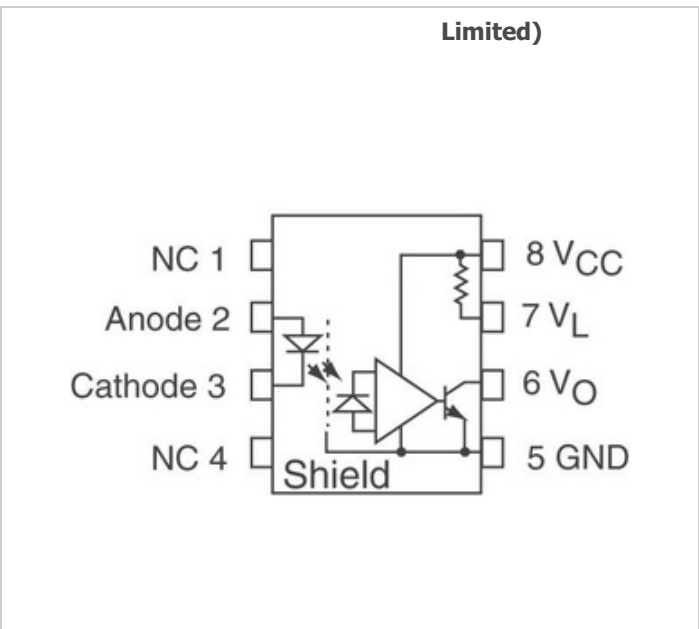


Image may be representation. See specifications for product details.

HCPL-4506-560E

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | HCPL-4506-560E                                                                                                       |
| Manufacturer/Brand: | Avago Technologies (Broadcom Limited)                                                                                |
| Product description | OPTOISO 3.75KV OPEN COLL 8DIP GW                                                                                     |
| Datasheets:         |  <a href="#">HCPL-4506-560E.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant         |
| Stock Condition     | 95361 pcs stock                                                                                                      |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

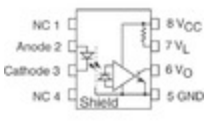
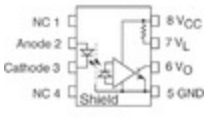
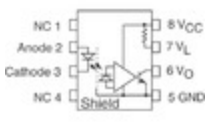
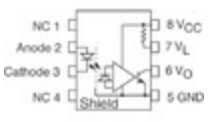
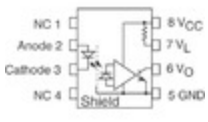
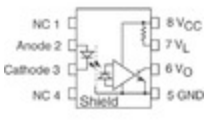
Specifications of HCPL-4506-560E

|                                      |                                                                                                                        |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | HCPL-4506-560E                                                                                                         |
| MANUFACTURER                         | Avago Technologies (Broadcom Limited)                                                                                  |
| DESCRIPTION                          | OPTOISO 3.75KV OPEN COLL 8DIP GW                                                                                       |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                                             |
| QUANTITY AVAILABLE                   | 95361 pcs                                                                                                              |
| DATA SHEET                           |  <a href="#">HCPL-4506-560E.pdf</a> |
| VOLTAGE - SUPPLY                     | 4.5 V ~ 30 V                                                                                                           |
| VOLTAGE - ISOLATION                  | 3750Vrms                                                                                                               |
| VOLTAGE - FORWARD (VF) (TYP)         | 1.5V                                                                                                                   |
| SUPPLIER DEVICE PACKAGE              | 8-DIP Gull Wing                                                                                                        |
| SERIES                               | -                                                                                                                      |
| RISE / FALL TIME (TYP)               | -                                                                                                                      |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 550ns, 400ns                                                                                                           |
| PACKAGING                            | Tape & Reel (TR)                                                                                                       |
| PACKAGE / CASE                       | 8-SMD, Gull Wing                                                                                                       |
| OUTPUT TYPE                          | Open Collector, Schottky Clamped                                                                                       |
| OPERATING TEMPERATURE                | -40°C ~ 100°C                                                                                                          |
| NUMBER OF CHANNELS                   | 1                                                                                                                      |
| MOUNTING TYPE                        | Surface Mount                                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 1 (Unlimited)                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                                             |
| INPUTS - SIDE 1/SIDE 2               | 1/0                                                                                                                    |
| INPUT TYPE                           | DC                                                                                                                     |
| DETAILED DESCRIPTION                 | Logic Output Optoisolator Open Collector, Schottky Clamped 3750Vrms 1 Channel 15kV/μs CMT1 8-DIP Gull Wing             |
| DATA RATE                            | -                                                                                                                      |
| CURRENT - OUTPUT / CHANNEL           | 15mA                                                                                                                   |
| CURRENT - DC FORWARD (IF) (MAX)      | 25mA                                                                                                                   |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 15kV/μs                                                                                                                |

Related Tags

|                                                      |                                                      |                                                          |
|------------------------------------------------------|------------------------------------------------------|----------------------------------------------------------|
| Avago Technologies (Broadcom Limited) HCPL-4506-560E | HCPL-4506-560E Distributor                           | HCPL-4506-560E Supplier                                  |
| HCPL-4506-560E Price                                 | HCPL-4506-560E Pictures                              | HCPL-4506-560E Image                                     |
| HCPL-4506-560E PDF Datasheet                         | HCPL-4506-560E Download Datasheet                    | HCPL-4506-560E Datasheet                                 |
| HCPL-4506-560E Stock                                 | Buy HCPL-4506-560E                                   | Buy Avago Technologies (Broadcom Limited) HCPL-4506-560E |
| Avago Technologies (Broadcom Limited) HCPL-4506-560E | Avago Technologies (Broadcom Limited) Supplier       | Avago Technologies (Broadcom Limited) Distributor        |
| Avago Technologies (Broadcom Limited) HCPL-4506-560E | Avago Technologies Limited HCPL-4506-560E            | Avago Technologies US Inc. HCPL-4506-560E                |
| Avago Technologies HCPL-4506-560E                    | Avago Technologies (Broadcom Limited) HCPL-4506-560E | Broadcom Limited HCPL-4506-560E                          |

Related Products

|                                                                                                                                             |                                                                                                                                                                   |                                                                                                                                              |                                                                                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <b>BROADCOM</b><br><small>connecting everything+</small> | <b>HCPL-4534#520</b><br>Manufacturers: Avago Technologies (Broadcom Limited)<br>Description: OPTOISO 5KV 2CH TRANSISTOR 8SMD<br>In stock: 27906 pcs<br><b>RFQ</b> |  <b>BROADCOM</b><br><small>connecting everything+</small> | <b>HCPL-4534#500</b><br>Manufacturers: Avago Technologies (Broadcom Limited)<br>Description: OPTOISO 3.75KV 2CH TRANS 8SMD<br>In stock: 23644 pcs<br><b>RFQ</b>      |
|  <b>BROADCOM</b><br><small>connecting everything+</small> | <b>HCPL-4534#020</b><br>Manufacturers: Avago Technologies (Broadcom Limited)<br>Description: OPTOISO 5KV 2CH TRANSISTOR 8DIP<br>In stock: 23176 pcs<br><b>RFQ</b> |                                                           | <b>HCPL-4506-060E</b><br>Manufacturers: Avago Technologies (Broadcom Limited)<br>Description: OPTOISO 3.75KV OPEN COLL 8DIP<br>In stock: 96958 pcs<br><b>RFQ</b>     |
|  <b>BROADCOM</b><br><small>connecting everything+</small> | <b>HCPL-4534</b><br>Manufacturers: Avago Technologies (Broadcom Limited)<br>Description: OPTOISO 3.75KV 2CH TRANS 8DIP<br>In stock: 24317 pcs<br><b>RFQ</b>       |                                                           | <b>HCPL-4506-500E</b><br>Manufacturers: Avago Technologies (Broadcom Limited)<br>Description: OPTOISO 3.75KV OPEN COLL 8DIP GW<br>In stock: 100298 pcs<br><b>RFQ</b> |
|                                                           | <b>HCPL-4506-520E</b><br>Manufacturers: Avago Technologies (Broadcom Limited)<br>Description: OPTOISO 5KV OPEN COLL 8DIP GW<br>In stock: 100449 pcs<br><b>RFQ</b> |                                                           | <b>HCPL-4506-360E</b><br>Manufacturers: Avago Technologies (Broadcom Limited)<br>Description: OPTOISO 3.75KV OPEN COLL 8DIP GW<br>In stock: 88318 pcs<br><b>RFQ</b>  |
|                                                           | <b>HCPL-4506-320E</b><br>Manufacturers: Avago Technologies (Broadcom Limited)<br>Description: OPTOISO 5KV OPEN COLL 8DIP GW<br>In stock: 96039 pcs<br><b>RFQ</b>  |                                                           | <b>HCPL-4506-300E</b><br>Manufacturers: Avago Technologies (Broadcom Limited)<br>Description: OPTOISO 3.75KV OPEN COLL 8DIP GW<br>In stock: 39556 pcs<br><b>RFQ</b>  |
|  <b>BROADCOM</b><br><small>connecting everything+</small> | <b>HCPL-4534-000E</b><br>Manufacturers: Avago Technologies (Broadcom Limited)<br>Description: OPTOISO 3.75KV 2CH TRANS 8DIP<br>In stock: 35560 pcs<br><b>RFQ</b>  |  <b>BROADCOM</b><br><small>connecting everything+</small> | <b>HCPL-4534#300</b><br>Manufacturers: Avago Technologies (Broadcom Limited)<br>Description: OPTOISO 3.75KV 2CH TRANS 8SMD<br>In stock: 23664 pcs<br><b>RFQ</b>      |